

Search Report

EIC 3700

STIC Database Tracking Number

To: ALVIN STEWART

Location: RND-6D01

Art Unit: 3774

Monday, March 30, 2009

Case Serial Number: 10/713837

From: TERRENCE SOLOMON

Location: EIC3700

RND-8B31

Phone: (571)272-3509

terrence.solomon@uspto.gov

Search Notes

US pat. 5865846 is not involved in any current or past litigation.

Sources:

- Lexis/Nexis
- Courtlink
- Questel-Orbit

856513 (08) 5865846 February 2, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5865846

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February 2, 1999

Human spinal disc prosthesis

REISSUE: February 2, 2001 - Reissue Application filed Ex. Gp.: 3738; Re. S.N. 09/776,394
(O.G. April 10, 2001)

APPL-NO: 856513 (08)

FILED-DATE: May 15, 1997

GRANTED-DATE: February 2, 1999

LEGAL-REP: Hill & Simpson

CORE TERMS: vertebral, disc, patient, endoprosthesis, spine, endoprosthetic, concaval-convex, seal, bone, prosthetic ...

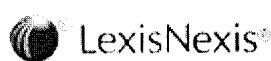
Source: [Legal](#) > / . . . / > [Utility, Design and Plant Patents](#) [\[i\]](#)

Terms: **patno=5865846** ([Edit Search](#) | [Suggest Terms for My Search](#))

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Segments: Assignee, Cert-correction, Legal-rep, Legal-status, Lit-reex, Opposition, Patno, Reexam-cert, Reexam-litigate, Reissue, Reissue-comment, Title

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Patent Search 5,865,846 3/30/2009

No cases found.

Selected file: PLUSPAT
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** SS 1: Results 1
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©Questel - image

Patent Number :

US5865846 A 19990202 [US5865846]

Title :

(A) Human spinal disc prosthesis

Inventor(s) :

(A) BRYAN VINCENT (US); KUNZLER ALEX (US)

Application Nbr :

US85651397 19970515 [1997US-0856513]

Filing Details :

Divsn of US681230 19960722 [1996US-0681230]

C.I.P. of US339490 19941114 [1994US-0339490] (Abandoned)

Division of: US5674296

Priority Details :

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CA2202453 19970411 [1997CA-2202453]

US68123096 19960722 [1996US-0681230]

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Intl Patent Class :

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IPC Advanced All :

A61F-002/30 [2006-01 A - I R M EP]; A61F-002/44 [2006-01 A - I R M EP]

A61B-017/00 [2006-01 A - N R M EP]; A61B-017/68 [2006-01 A - N R M EP];

A61B-017/70 [2006-01 A - N R M EP]; A61B-017/86 [2006-01 A - N R M EP];

A61F-002/00 [2006-01 A - N R M EP]; A61F-002/08 [2006-01 A - N R M EP]

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A61F-002/30 [2006 C - I R M EP]; A61F-002/44 [2006 C - I R M EP]

A61B-017/00 [2006 C - N R M EP]; A61B-017/68 [2006 C - N R M EP];

A61B-017/70 [2006 C - N R M EP]; A61F-002/00 [2006 C - N R M EP];

A61F-002/08 [2006 C - N R M EP]

EPO ECLA Class :

A61F-002/30B8

A61F-002/44

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EPO ICO Class :

K61B-017/00A

K61B-017/68P

K61B-017/70K

K61B-017/86

K61F-002/00A2E

K61F-002/00A2F

K61F-002/00K2C

K61F-002/00K6L

K61F-002/00N4

K61F-002/00T1T

K61F-002/00T4

K61F-002/00T7

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K61F-002/30U
K61F-002/44D2M

ORIGINAL (O) : 128898000; CROSS-REFERENCE (X) : 606086000R 606087000
606247000 606279000 623017160

Document Type :

Corresponding document; Intellectual family

Citations :

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-US5370697 (A) [US5370697]
-US5556431 (A) [US5556431]
-US5674294 (A) [US5674294]

Publication Stage :

(A) United States patent

Abstract :

The invention relates to a spinal disc endoprosthesis. The endoprosthesis has a resilient body formed of one or more materials which may vary in stiffness from a relatively stiff exterior annular gasket portion to a relatively supple central nucleus portion. Concaval-convex elements at least partly surround that nucleus portion so as to retain the nucleus portion and gasket between adjacent vertebral bodies in a patient's spine. Assemblies of endoprosthetic discs, endoprosthetic vertebral bodies, and endoprosthetic longitudinal ligaments may be constructed. To implant this endoprosthesis assembly, information is obtained regarding the size, shape, and nature of a patient's damaged spine. Thereafter, one or more prosthetic vertebral bodies and disc units are constructed in conformity with that information. Finally, the completed and conformed vertebral body and disc assembly is implanted in the patient's spine.

1 / 1 LGST - ©EPO

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US5865846 A 19990202 [US5865846] (A) Patent

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19970515 US-API [POS; EXM]

FILING DETAILS

US85651397 19970515 [1997US-0856513]

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Patent
US5865846 A 19990202 [US5865846]

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20010410 US/RF-A [OPP]
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1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

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Patent Assignee :

Bryan, Vincent; Kunzler, Alex

Actions :

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